with 37 CFR 1.98.

## COMBINED DECLARATION AND POWER OF ATTORNEY

COMPAND DECEMBRISHMENT ATTORNEY
As a below named inventor, I hereby declare that:
This declaration is of the following type:
original divisional continuation continuation-in-part
INVENTORSHIP IDENTIFICATION
Mak, Alfred; Chang, Mei; Byun, Jeong Soo; Chung, Hua; Sinha, Ashok and Kori, Moris
My residence, post office address and citizenship are as stated below next to my name. I believe I am the original first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:
TITLE OF INVENTION
SYSTEM AND METHOD TO FORM A COMPOSITE FILM STACK UTILIZING SEQUENTIAL DEPOSITION TECHNIQUES
SPECIFICATION IDENTIFICATION
The specification of which:
is attached hereto was filed on, under Serial No, executed on even date herewith or [] Express Mail No.(as Serial No. not yet known) and was amended or(if applicable) was described and claimed in PCT International Application No. filed or
was described and claimed in PCT International Application No filed or and as amended under PCT Article 19 on
ACKNOWLEDGMENT OF REVIEW OF PAPERS AND DUTY OF CANDOR
I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.
I acknowledge the duty to disclose all information I know to be material to patentability in accordance with Title 37 Code of Federal Regulations, 1.56,
and which is material to the examination of this application; namely, information where there is a substantial likelihood that a reasonable Examiner would consider it important in deciding whether to allow the application to issue as a patent, and

In compliance with this duty there is attached an Information Disclosure Statement in accordance

_		
	No such applications have been filed.  Such applications have been filed as follows:	
<b>A.</b>	Prior foreign/PCT/provisional application(s) filed within 12 mos. (6 mos. for design) prior to application, and any priority claims under 35 U.S.C. § 119	this
	Country/PCT Application No  Date Filed  Yes No  Yes No	
В.	All foreign application(s), if any, filed more than 12 mos. (6 mos for design) prior to this application	U.S.
	Country: Application No: Filing date:	
	PRIORITY CLAIM (35 U.S.C. §120)	
internat subject manner informa likeliho issue a	claim the benefit under Title 35, United States Code, § 120, of any United States application(s) or onal application(s) designating the United States of America that is/are listed below and, insofar a natter of each of the claims of this application is not disclosed in that/those prior application(s) is provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to distinct that is material to the examination of this application (namely, information where there is substead that a reasonable Examiner would consider it important in deciding whether to allow the application a patent) which occurred between the filing date of the prior application(s) and the national or onal filing date of this application.	n the n the sclose antial on to
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	Serial No. Filing Date Patented Pending Abandoned	
	OCHALINO. CHIDE DAIE PAIRDIRG PRIIDINO ADANGONRA	

I hereby appoint the following attorneys and/or agents to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:

> Peter J. Sgarbossa Registration No. 25,610 Donald Verplancken Registration No. 33,217 Lawrence Edelman Registration No. 25,226 Joseph Bach Registration No. 37,771 Raymond Kam-On Kwong Registration No. 37,165 James C. Wilson Registration No. 35,412 Robert W. Mulcahy Registration No. 25,436 Kenneth C. Brooks Registration No. 38,393

Send correspondence to:

Direct telephone calls to:

Patent Counsel, MS/2061 Legal Affairs Dept. Applied Materials, Inc.

Kenneth C. Brooks

(512) 527-0104

Law Office of Kenneth C. Brooks

POBox 450A

Santa Clara, CA 95052

#### **DECLARATION**

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and, further, that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Sec. 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patents issued thereon.

Full name of first inven	ntor: Alfred W. Mak	
Inventor's signature:		Date:
Residence:	Union City, California	
Post Office Address:	32722 Fellows Court	
	Union City, California 94587	
	U.S.A.	Country of Citizenship: U.S.A.
Full name of second in	ventor: Mei Chang	
Inventor's signature:		Date:
Residence:	Saratoga, California	
Post Office Address:	12881 Corte de Arguello	



Saratoga, California 95070

U.S.A.

U.S.A.

Country of Citizenship: U.S.A.

Country of Citizenship: U.S.A.

Full name of third inv	entor: Jeong Soo Byun	
Inventor's signature:		Date:
Residence: Post Office Address:	Cupertino, California 20975 Valley Green Drive #257 Cupertino, California 95014 U.S.A.	Country of Citizenship: South Korea
Full name of fourth in	ventor: Hua Chung	
Inventor's signature:		Date:
Residence:	San Jose, California	
Post Office Address:	4645 Piper Drive	
	San Jose, California 95129	
	U.S.A.	Country of Citizenship: Taiwan, Republic of China
Full name of fifth inver	ntor: Ashok Sinha	
Inventor's signature:		Date:
Residence:	Palo Alto, California	2410.
Post Office Address:	4176 Hubbartt Dr.	
	Palo Alto, California 94306	
	U.S.A.	Country of Citizenship: U.S.A.
Full name of sixth inver	ntor: Moris Kori	
Inventor's signature:	Maris ka	Date: 6.19.01
Residence:	Palo Alto, California	Date: <b>\O \ \ \ \ \</b>
Post Office Address:	55 Hamilton Court	
	Palo Alto, California 94301	
	,	

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		applications have been fi plications have been filed			
<b>A.</b>	Prior foreign/Po application, and	CT/provisional applicati any priority claims und	ion(s) filed within 12 i er 35 U.S.C. § 119	nos. (6 mos. for design)	prior to this
	Country/PCT	Application No	Date Filed	Priority Claimed Yes No Yes No	:
В.	All foreign application	lication(s), if any, filed	more than 12 mos. (	6 mos for design) prior	to this U.S.
	Country: Application No: Filing date:				
		PRIORITY	CLAIM (35 U.S.C. §12	0)	
internat subject manner informa likeliho issue as	ional application(s matter of each of provided by the fi tion that is materia od that a reasonable	designating the United the claims of this appli- rst paragraph of Title 35 al to the examination of Examiner would consi- occurred between the fi	States of America that cation is not disclosed, United States Code, & this application (namely der it important in decided)	iny United States application is/are listed below and, in that/those prior applicated 112, I acknowledge the dut, information where there is ling whether to allow the application(s) and the nation	nsofar as the ion(s) in the y to disclose is substantial pplication to
		applications have been filed,			
			State	is	
	Serial No.	Filing Date	Patented Pending	Abandoned	•

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Inventor's signature:		Date:	
Residence:	Saratoga, California		
Post Office Address:	12881 Corte de Arguello		

Saratoga,	California	95070

U.S.A.

U.S.A.

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Residence: Post Office Address:	Cupertino, California 20975 Valley Green Drive #257 Cupertino, California 95014 U.S.A.	Country of Citizenship: South Korea
Full name of fourth inve	entor: Hua Chung	
Inventor's signature:		Date:
Residence: Post Office Address:	San Jose, California 4645 Piper Drive San Jose, California 95129 U.S.A.	Country of Citizenship: Taiwan, Republic of China
Full name of fifth inven	tor: Ashok Sinha	
Inventor's signature: Residence: Post Office Address:	Palo Alto, California 4176 Hubbartt Dr.	Date: 5/30/01
	Palo Alto, California 94306 U.S.A.	Country of Citizenship: U.S.A.
Full name of sixth inver	ntor: Moris Kori	
Inventor's signature:		Date:
Residence: Post Office Address:	Palo Alto, California 55 Hamilton Court Palo Alto, California 94301	

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<b>K</b> 2	
<b>Z</b>	original
	divisional
	continuation
	continuation-in-part

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Mak, Alfred; Chang, Mei; Byun, Jeong Soo; Chung, Hua; Sinha, Ashok and Kori, Moris

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#### TITLE OF INVENTION

# SYSTEM AND METHOD TO FORM A COMPOSITE FILM STACK UTILIZING SEQUENTIAL DEPOSITION TECHNIQUES

## SPECIFICATION IDENTIFICATION

The specification of which:

$\boxtimes$	is attached hereto			
	was filed on	, under Serial No.	, executed on ever	n date herewith:
	or [	Express Mail No.(as Serial		
	(if	applicable)	,	
		med in PCT International Applic as amended under PCT Article 1		filed on

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			olications have been fations have been f		ows:	
A.			provisional appli priority claims			mos. (6 mos. for design) prior to this
	Country/	<u>PCT</u>	Application No		Date Filed	Priority Claimed Yes No Yes No
В.	All foreig		tion(s), if any, fi	iled more	than 12 mos.	(6 mos for design) prior to this U.S.
	Country: Application Filing date					
			PRIORI	ΓΥ CLAII	M (35 U.S.C. §1	20)
internati subject i manner informat likelihoo issue as	onal applice matter of exprovided bettion that is not that a rear a patent)	cation(s) decach of the y the first material to asonable E which occ	der Title 35, Unit esignating the Un claims of this apparagraph of Title the examination aminer would co	ed States of ited States pplication e 35, Unite of this apponsider it is	Code, § 120, of s of America th is not disclosed ed States Code, plication (name important in dec	Fany United States application(s) or PCT at is/are listed below and, insofar as the d in that/those prior application(s) in the \$112, I acknowledge the duty to disclose ly, information where there is substantial edding whether to allow the application to application(s) and the national or PCT
			lications have been fi		lows:	
	a		<b>.</b>			atus
	Serial No.	Fili	ng Date	Pater	nted Pending	Abandoned

I hereby appoint the following attorneys and/or agents to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:

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Inventor's signature:		Date:	
Residence:	Saratoga, California		
Post Office Address:	12881 Corte de Arguello		

Full name of sixth inventor:

Inventor's signature:

Post Office Address:

Residence:

•	Saratoga, California 95070 U.S.A.	Country of Citizenship: U.S.A.
Full name of third inve	ntor: Jeong Soo Byun	
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	U.S.A.	Country of Citizenship: South Korea
Full name of fourth inv Inventor's signature: Residence: Post Office Address:	San Jose, California 4645 Piper Drive San Jose, California 95129 U.S.A.	Date: 6/>0/0/  Country of Citizenship: Taiwan, Republic of China
Full name of fifth inven	tor: Ashok Sinha	
Inventor's signature:		Date:
Residence: Post Office Address:	Palo Alto, California 4176 Hubbartt Dr. Palo Alto, California 94306	
	U.S.A.	Country of Citizenship: U.S.A.

Moris Kori

Palo Alto, California 94301

Palo Alto, California

55 Hamilton Court

U.S.A.

(Declaration ends with this page)

Date:

Country of Citizenship: U.S.A.

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II	NVENTORSHIP IDENTIFICATION
Mak, Alfred; Chang, Mei;	Byun, Jeong Soo; Chung, Hua; Sinha, Ashok and Kori, Moris
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	Count	ry/PCT	Application No	<u>)</u>	Date Filed	Priority Claimed Yes No Yes No
В.	All for	reign applica	ation(s), if any, f	filed mor	e than 12 mos.	(6 mos for design) prior to this U.S.
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Saratoga, California 95070
U.S.A.

55 Hamilton Court Palo Alto, California 94301

U.S.A.

Full name of third inventor:

Post Office Address:

Jeong Soo Byun

Country of Citizenship: U.S.A.

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Inventor's signature: Residence: Post Office Address:	Cupertino, California 20975 Valley Green Drive #257 Cupertino, California 95014 U.S.A.	Date: 6/14/0/ Country of Citizenship: South Korea
Full name of fourth inv	entor: Hua Chung	
Inventor's signature:		Date:
Residence: Post Office Address: Full name of fifth inver	San Jose, California 4645 Piper Drive San Jose, California 95129 U.S.A.	Country of Citizenship: Taiwan, Republic of China
Inventor's signature:		Date:
Residence: Post Office Address:	Palo Alto, California 4176 Hubbartt Dr. Palo Alto, California 94306 U.S.A.	Country of Citizenship: U.S.A.
Full name of sixth inve	THIOF: INIOFIS KUIT	
Inventor's signature:		Date:
Residence:	Palo Alto, California	

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		PRIORITY (	CLAIM (35 U.S.C. §1	20)
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Full name of second inve	entor: Mei Chang	,
Inventor's signature:	the Clia	$\frac{1}{2}  \text{Date:}  6/5/6$
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Saratoga,	California	95070
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Residence:	Palo Alto, California	
Post Office Address:	55 Hamilton Court	
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## COMBINED DECLARATION AND POWER OF ATTORNEY

As a below name	ed inventor, I hereby declare that:
This declaration i	s of the following type:
	original divisional continuation continuation-in-part
	INVENTORSHIP IDENTIFICATION
Mak,	Alfred; Chang, Mei; Byun, Jeong Soo; Chung, Hua; Sinha, Ashok and Kori, Moris
first and sole inve	st office address and citizenship are as stated below next to my name. I believe I am the original, entor (if only one name is listed below) or an original, first and joint inventor (if plural names are subject matter which is claimed and for which a patent is sought on the invention entitled:
	TITLE OF INVENTION
	SYSTEM AND METHOD TO FORM A COMPOSITE FILM STACK UTILIZING SEQUENTIAL DEPOSITION TECHNIQUES
	SPECIFICATION IDENTIFICATION
The specification	of which:
	is attached hereto  was filed on, under Serial No, executed on even date herewith;  or [] Express Mail No.(as Serial No. not yet known) and was amended on(if applicable)  was described and claimed in PCT International Application No filed onand as amended under PCT Article 19 on
A	CKNOWLEDGMENT OF REVIEW OF PAPERS AND DUTY OF CANDOR
I hereby state that claims, as amende	I have reviewed and understand the contents of the above-identified specification, including the d by any amendment referred to above.
I acknowledge the Code of Federal R	duty to disclose all information I know to be material to patentability in accordance with Title 37, egulations, 1.56,
and which is mat likelihood that a r issue as a patent, a	terial to the examination of this application; namely, information where there is a substantial easonable Examiner would consider it important in deciding whether to allow the application to and
	In compliance with this duty there is attached an Information Disclosure Statement in accordance with 37 CFR 1.98.

		h applications have been file pplications have been filed a		
<b>A.</b>	Prior foreign/PCT/provisional application(s) filed within 12 mos. (6 mos. for design) prior to this application, and any priority claims under 35 U.S.C. § 119			
	Country/PCT	Application No	Date Filed	Priority Claimed  ☐ Yes ☐ No ☐ Yes ☐ No
В.	All foreign appaphication	olication(s), if any, filed 1	more than 12 mos.	(6 mos for design) prior to this U.S.
	Country: Application No: Filing date:			
PRIORITY CLAIM (35 U.S.C. §120)				
internati subject manner informa likelihoo issue as	ional application(s matter of each of provided by the f tion that is materiod that a reasonab	s) designating the United S f the claims of this applica first paragraph of Title 35, ial to the examination of th ole Examiner would conside occurred between the fili	States of America that ation is not disclosed United States Code, & is application (namely er it important in deci	any United States application(s) or PCT it is/are listed below and, insofar as the in that/those prior application(s) in the in 112, I acknowledge the duty to disclose y, information where there is substantial ding whether to allow the application to application(s) and the national or PCT
		applications have been file plications have been filed, a		
	Serial No.	Filing Date	Stat Patented Pending	Abandoned
			I atomica i chamig	Availuoticu

I hereby appoint the following attorneys and/or agents to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:

> Peter J. Sgarbossa Registration No. 25,610 Donald Verplancken Registration No. 33,217 Lawrence Edelman Registration No. 25,226 Joseph Bach Registration No. 37,771 Raymond Kam-On Kwong Registration No. 37,165 James C. Wilson Registration No. 35,412 Robert W. Mulcahy Registration No. 25,436 Kenneth C. Brooks Registration No. 38,393

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Patent Counsel, MS/2061 Legal Affairs Dept. Applied Materials, Inc. POBox 450A

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Kenneth C. Brooks Law Office of Kenneth C. Brooks

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## **DECLARATION**

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and, further, that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Sec. 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patents issued thereon.

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